

Fig. 1

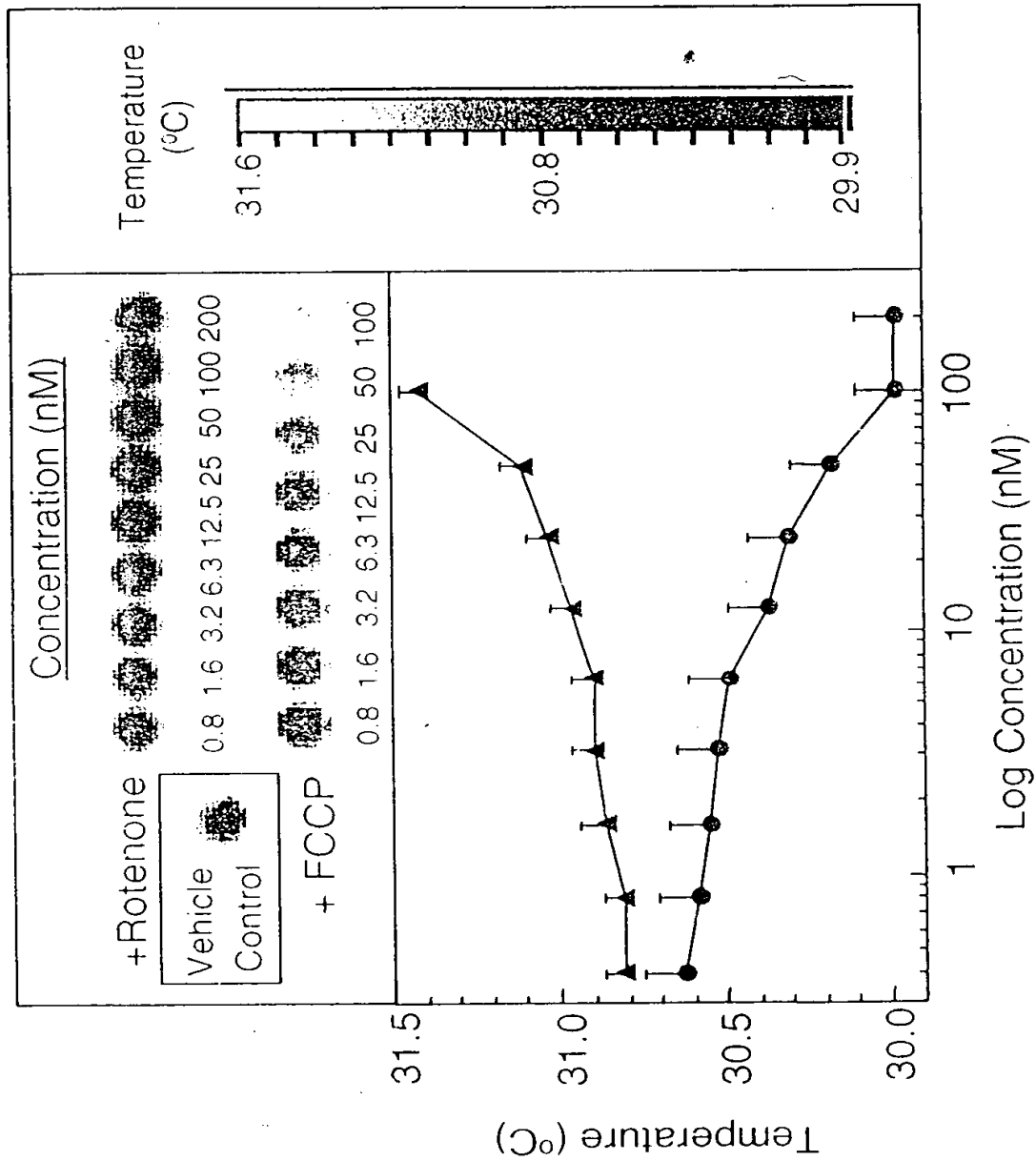


Fig. 3A

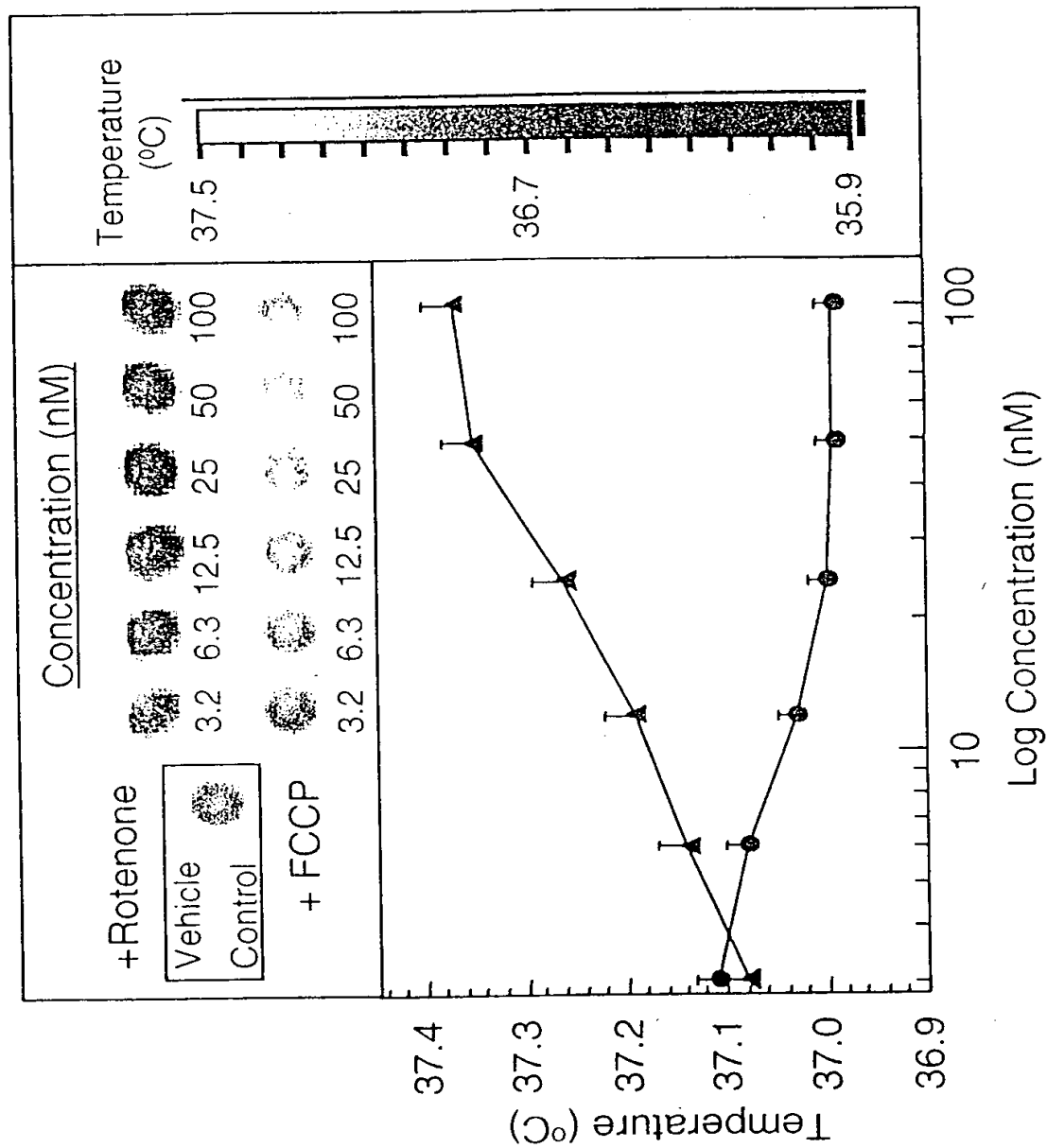


Fig. 3B

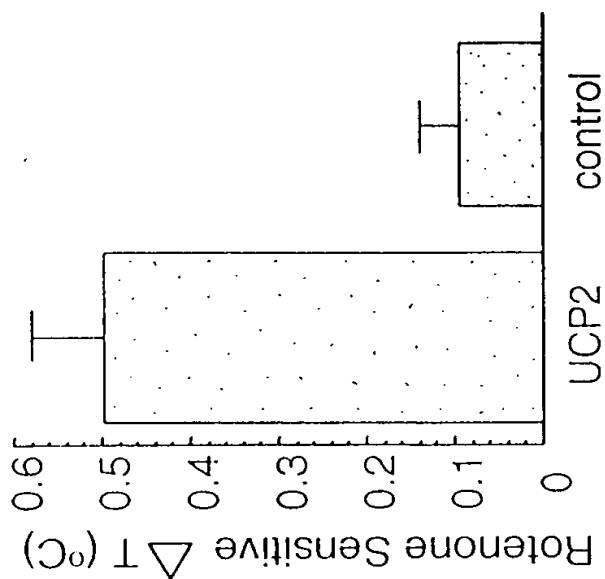


Fig. 4B

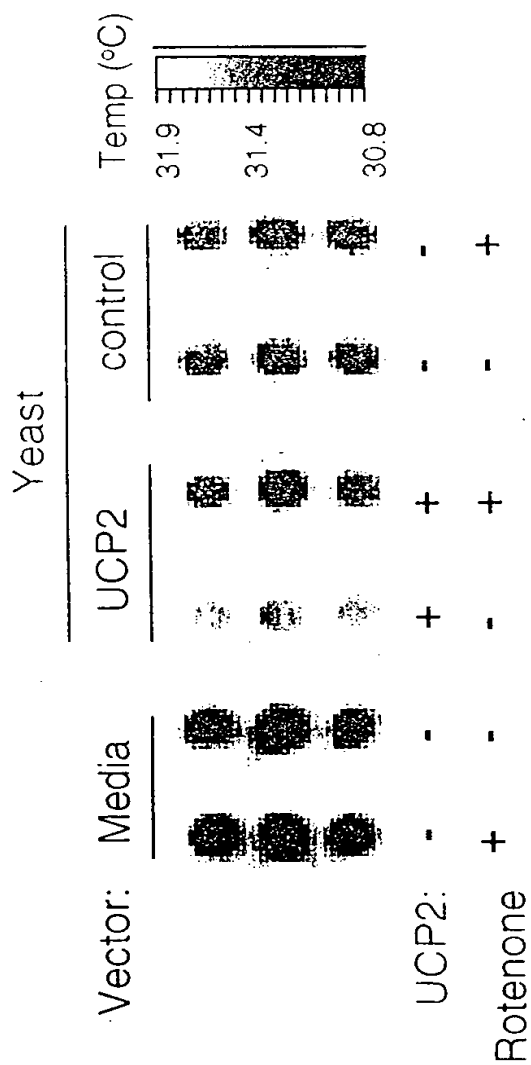


Fig. 4A

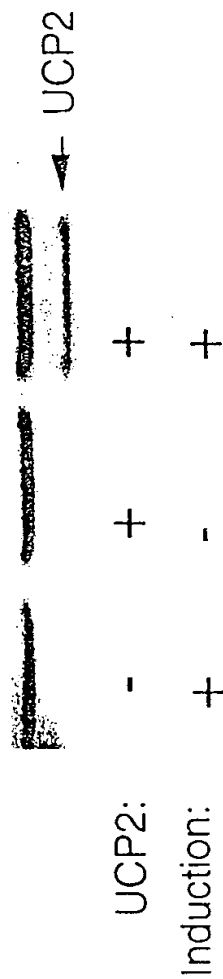


Fig. 4C

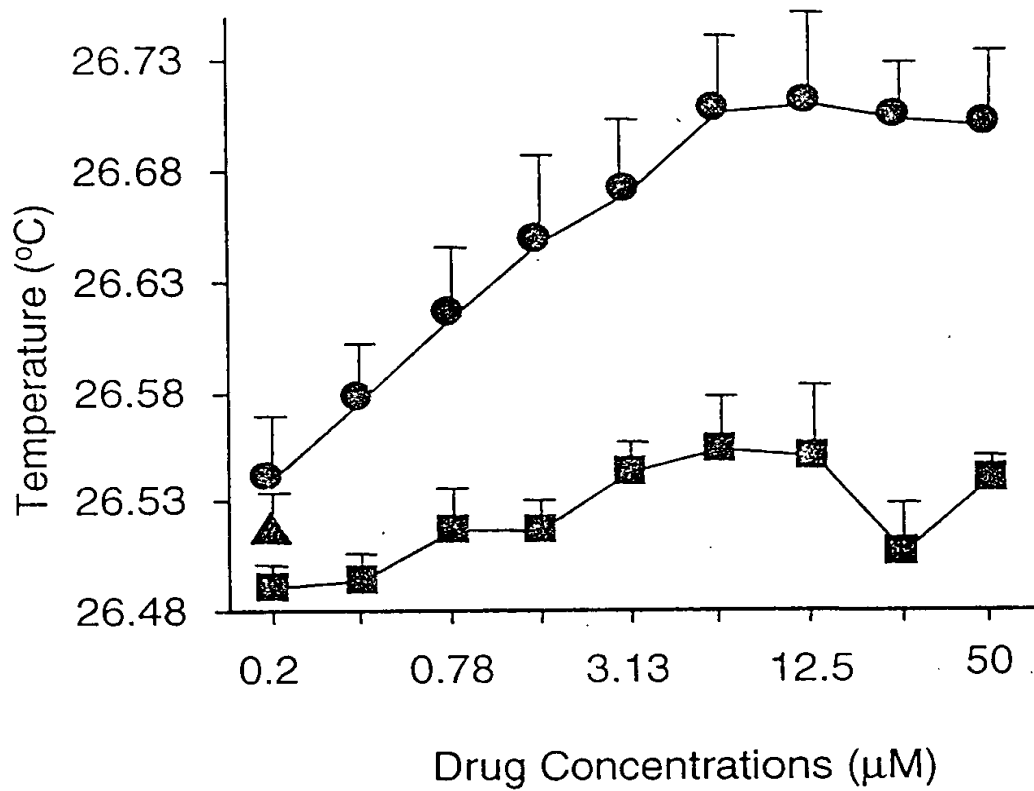


Fig. 5

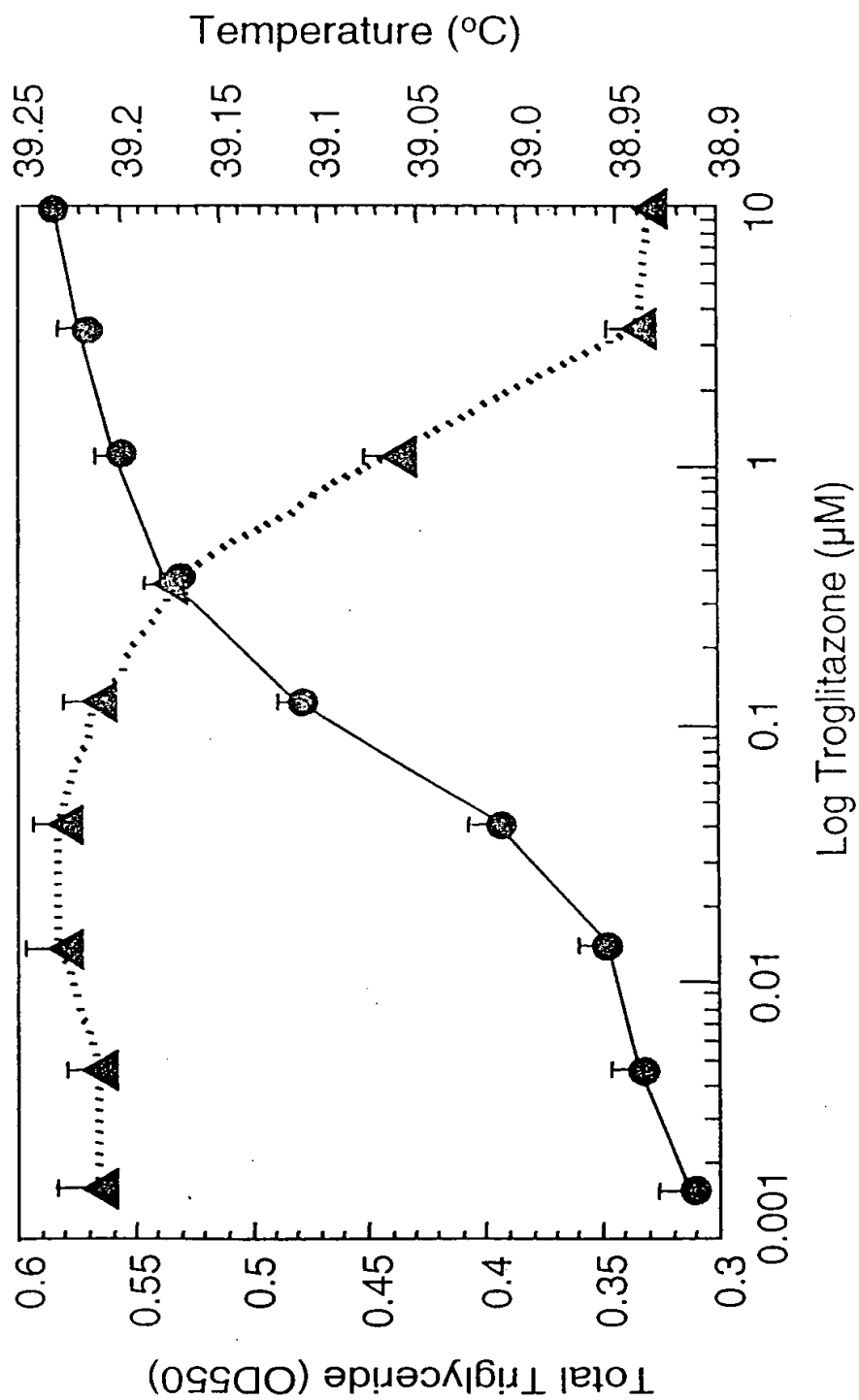


Fig. 6

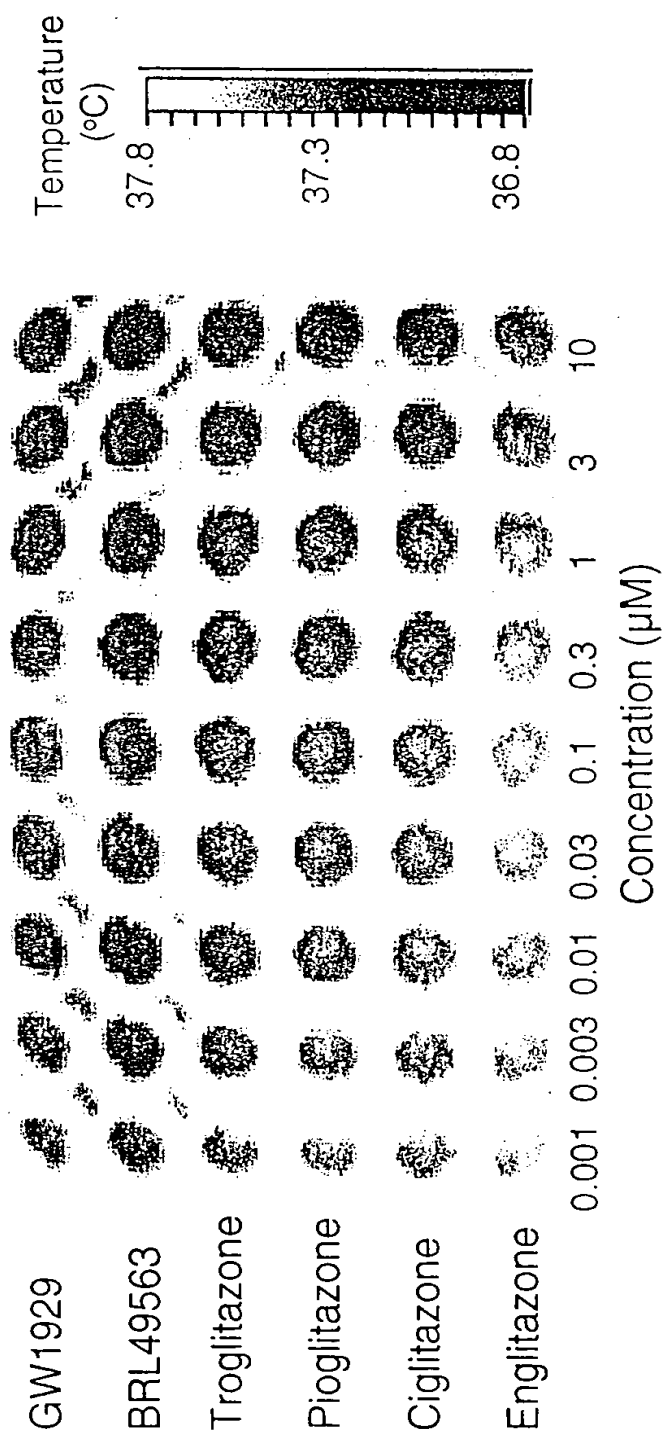


Fig. 7

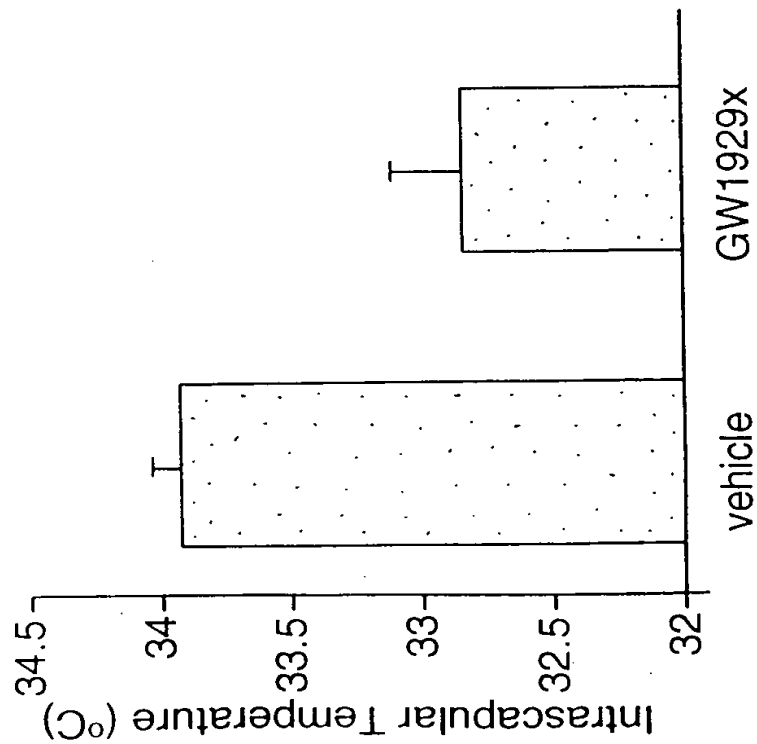


Fig. 8A

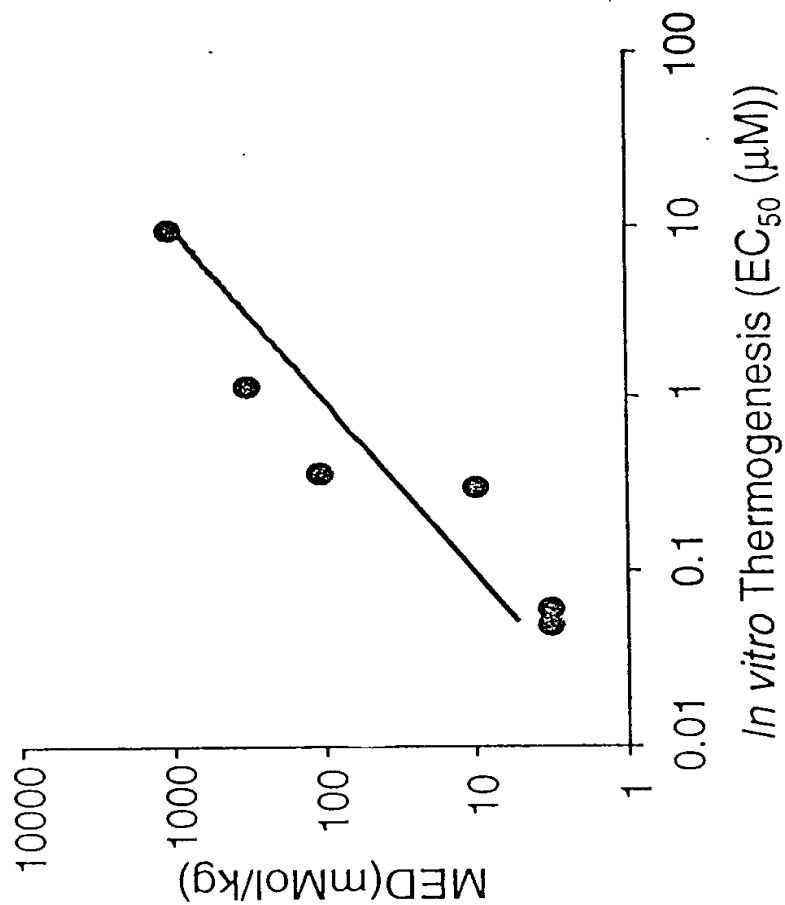


Fig. 8B

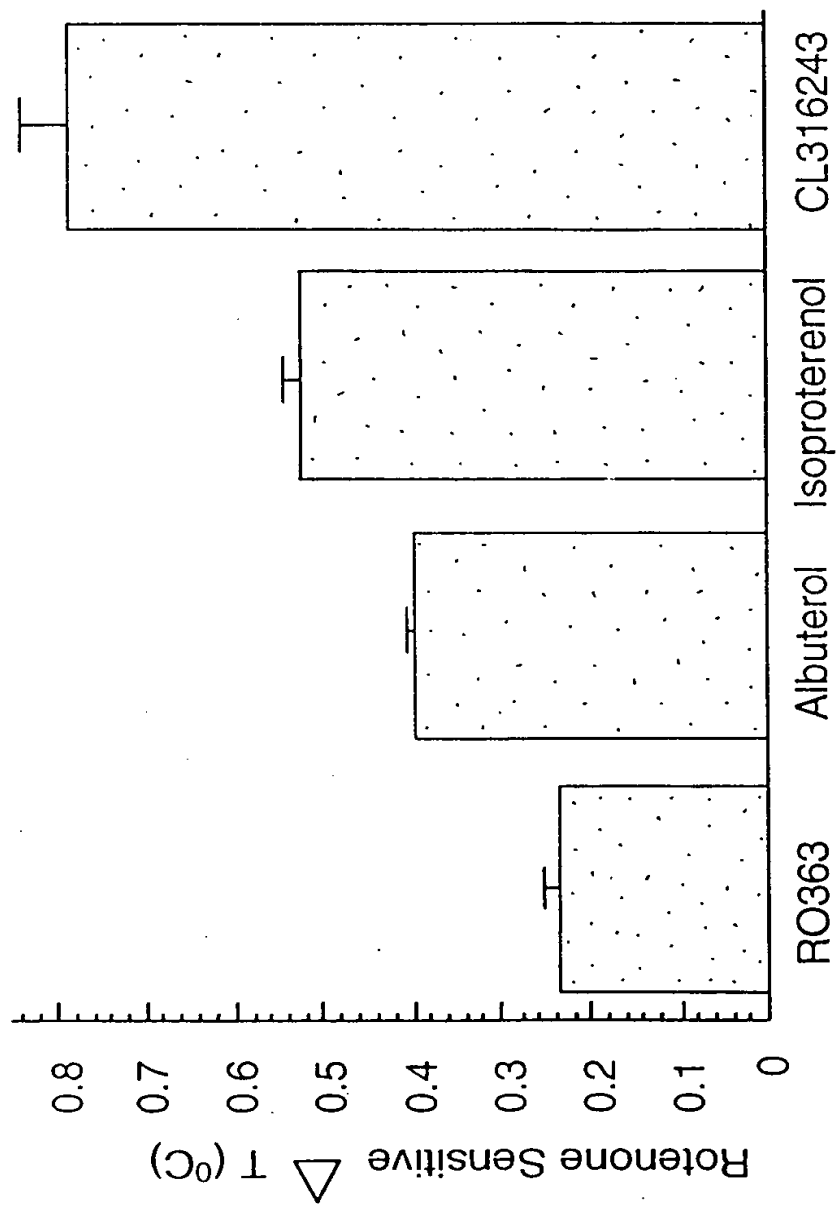


Fig. 9

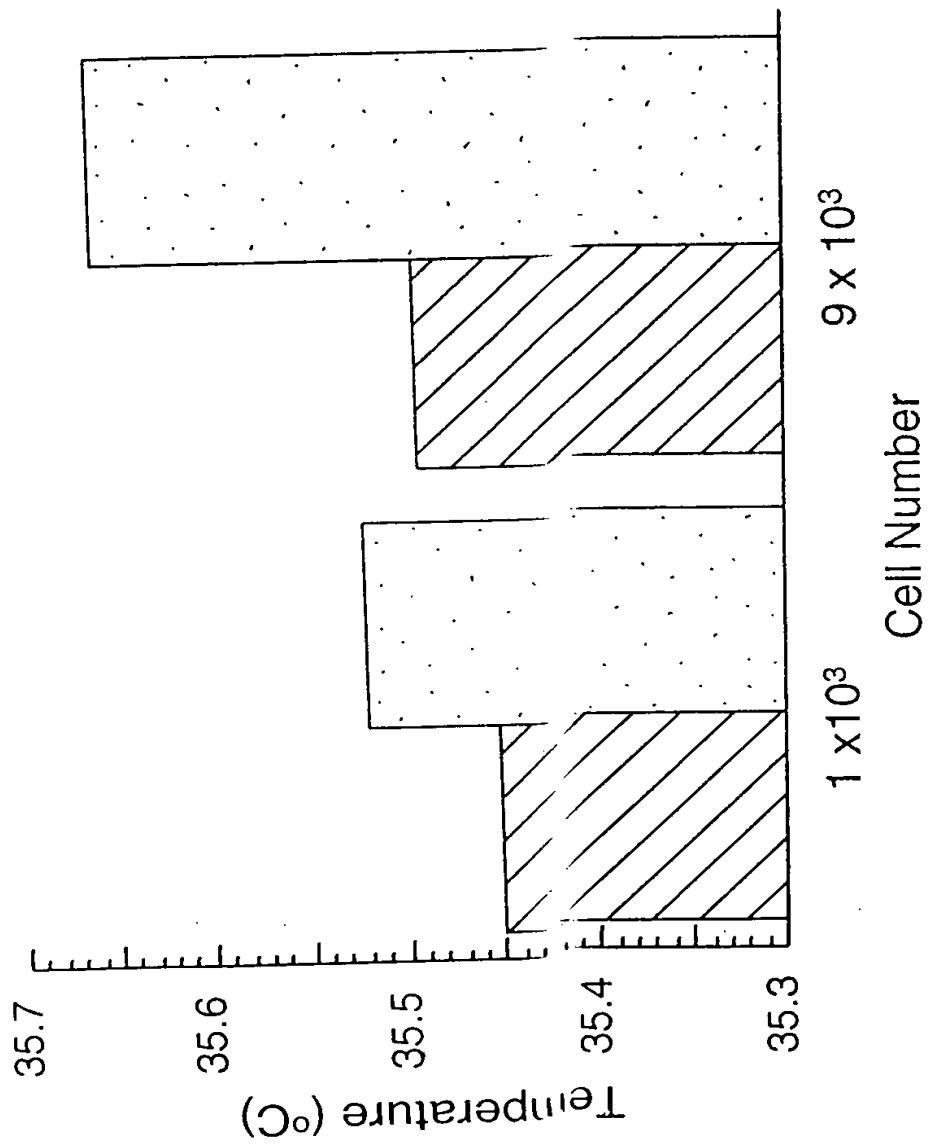


Fig. 10

66477-6077103

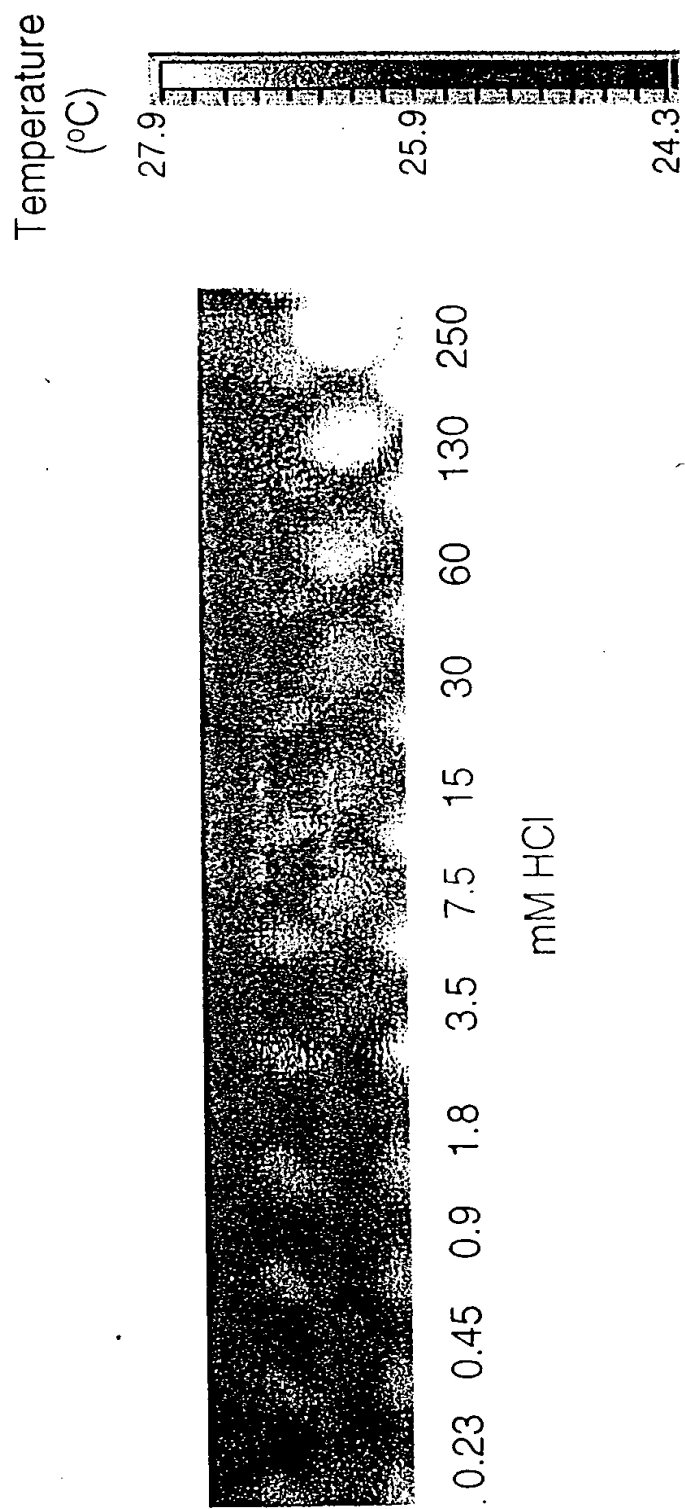


Fig. 11

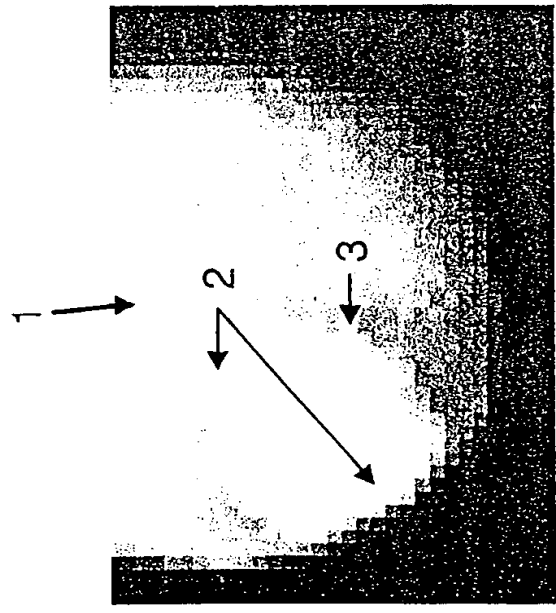


Fig. 12A

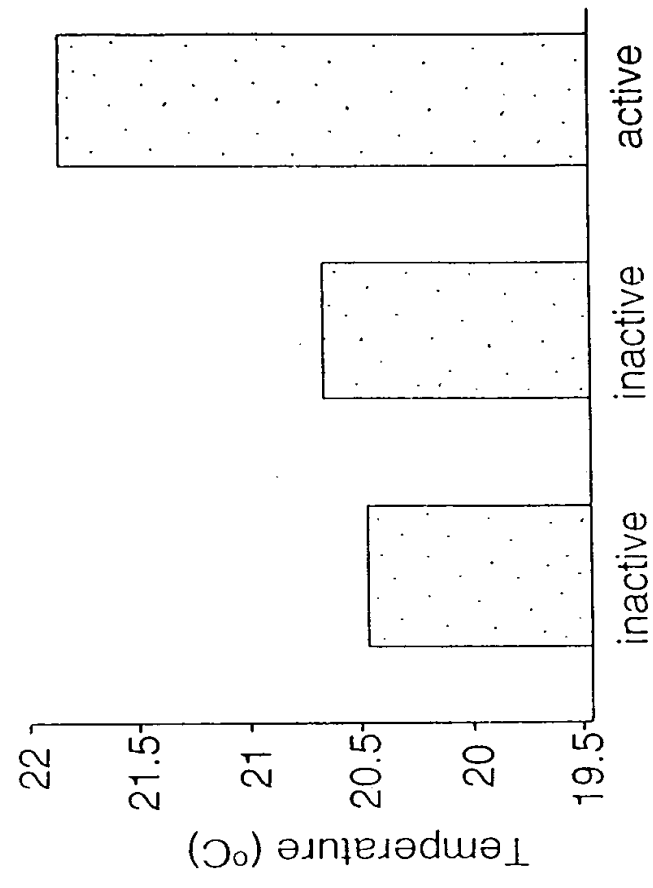


Fig. 12B

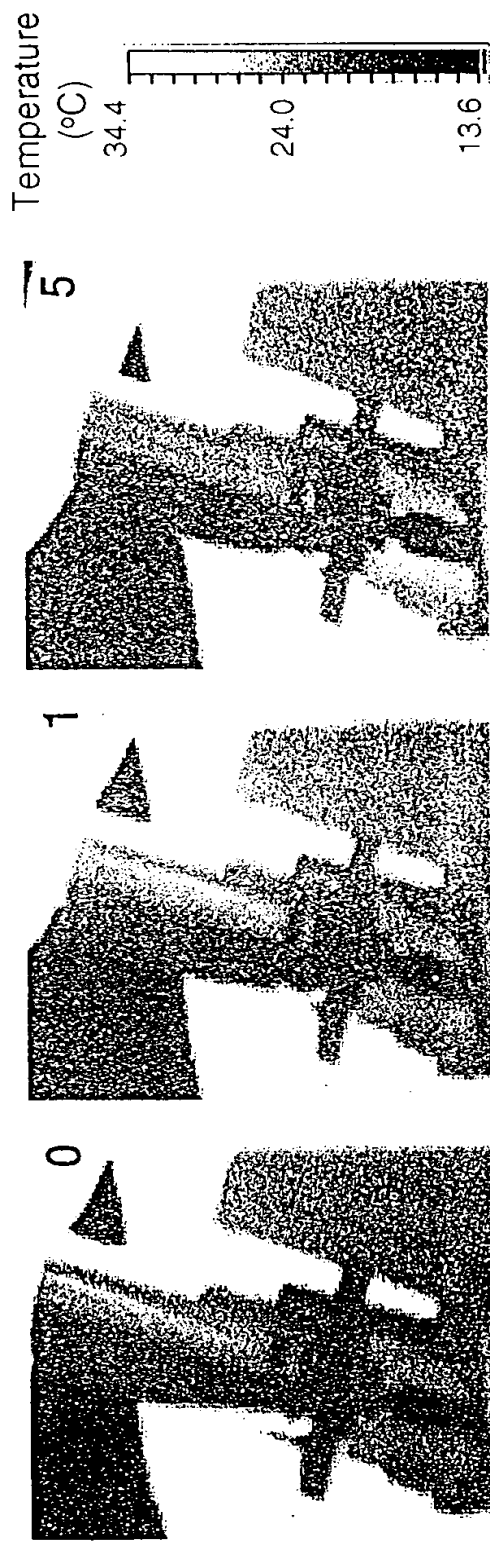


Fig. 13A

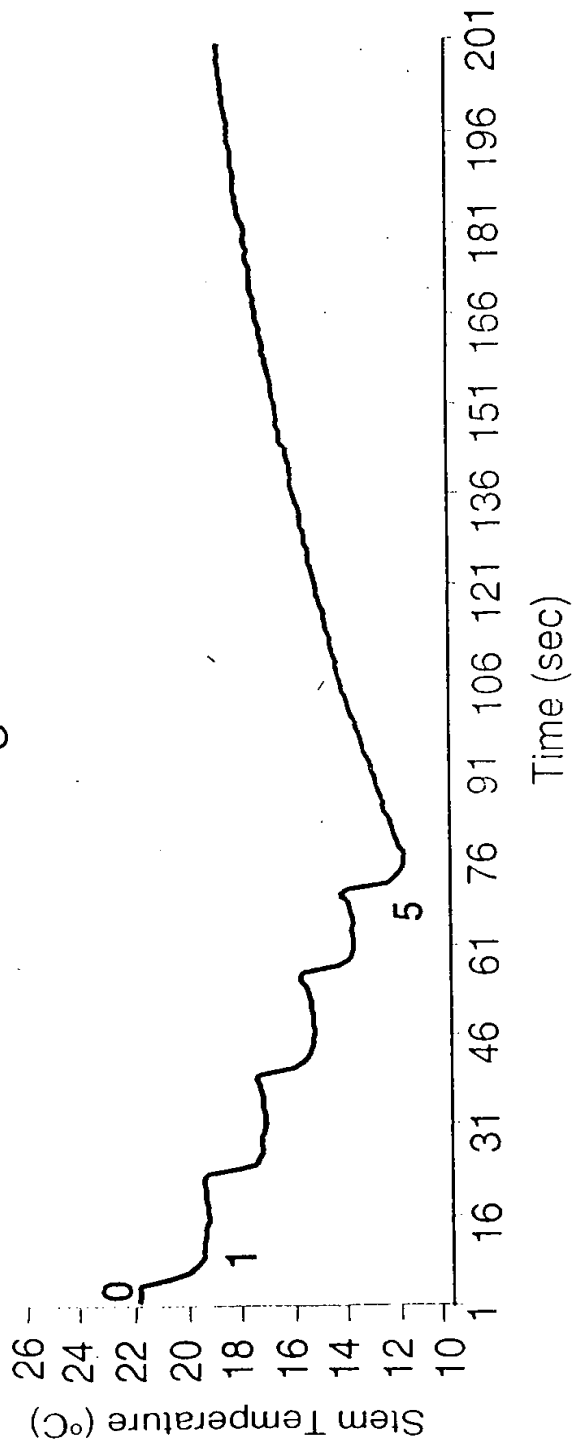


Fig. 13B



Vehicle Albuterol

Fig. 13C

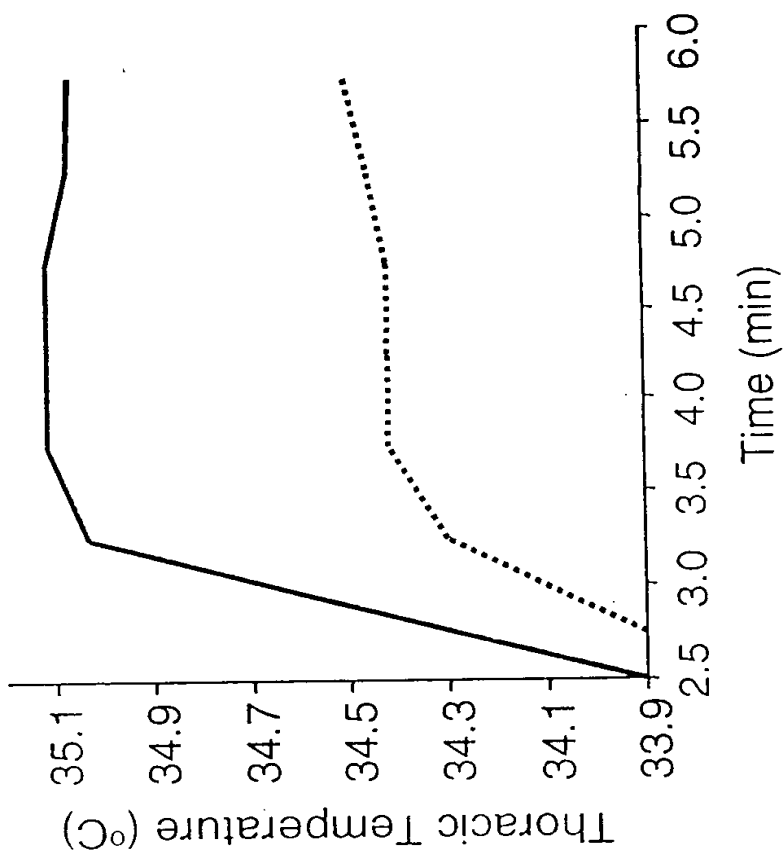


Fig. 13D

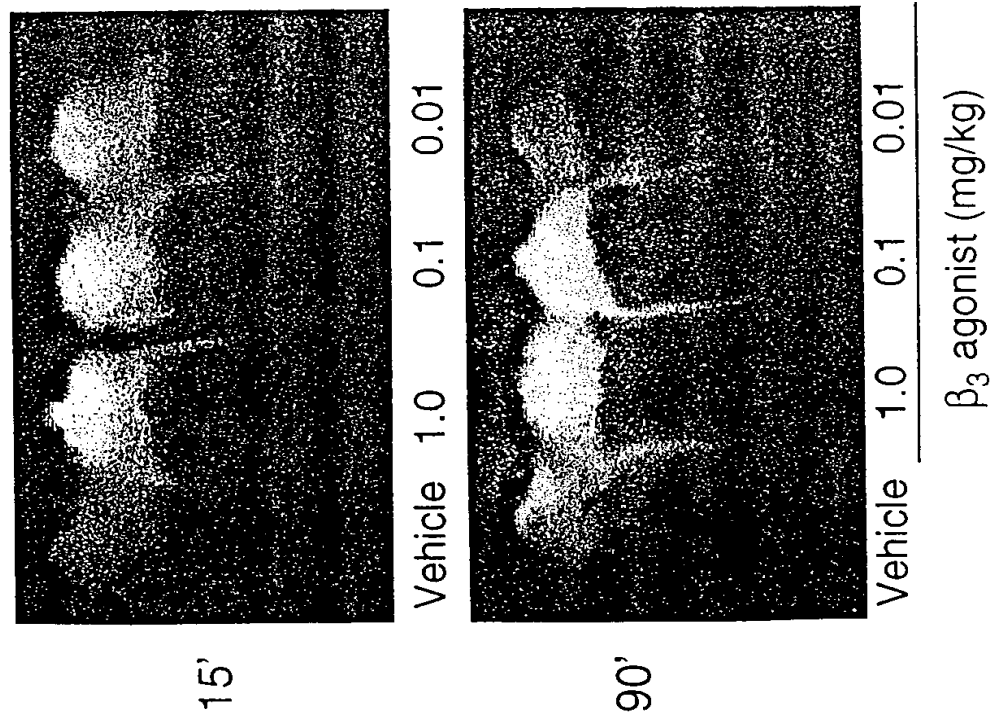


Fig. 14A

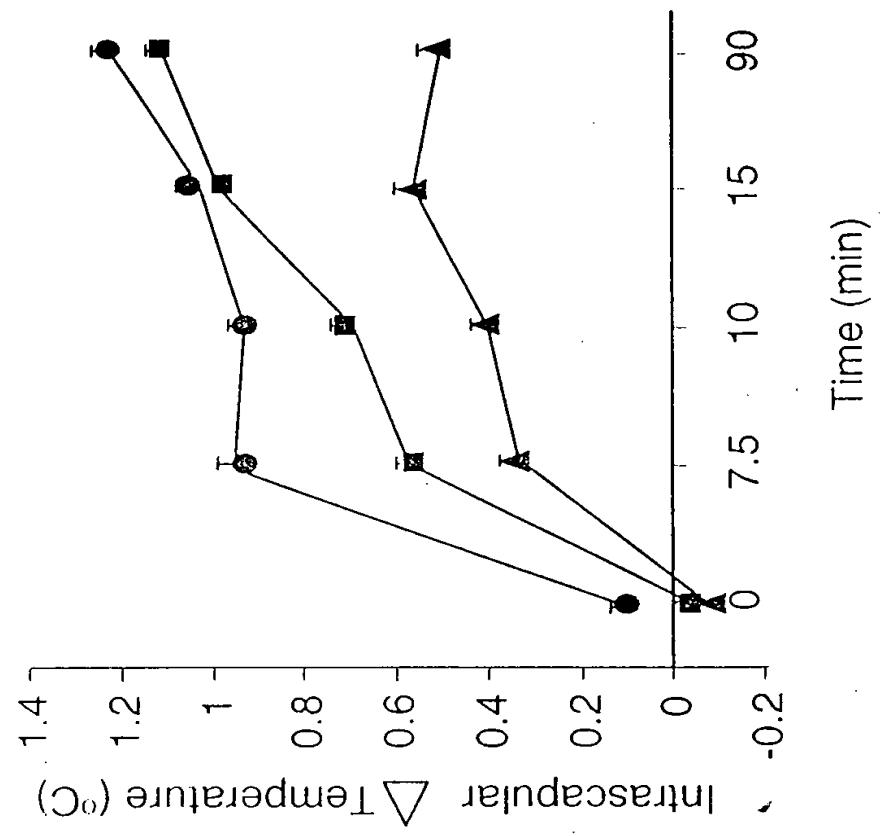


Fig. 14B



Vehicle 10.0 5.0 1.0
GW473559A (mg/kg)

Fig. 15A

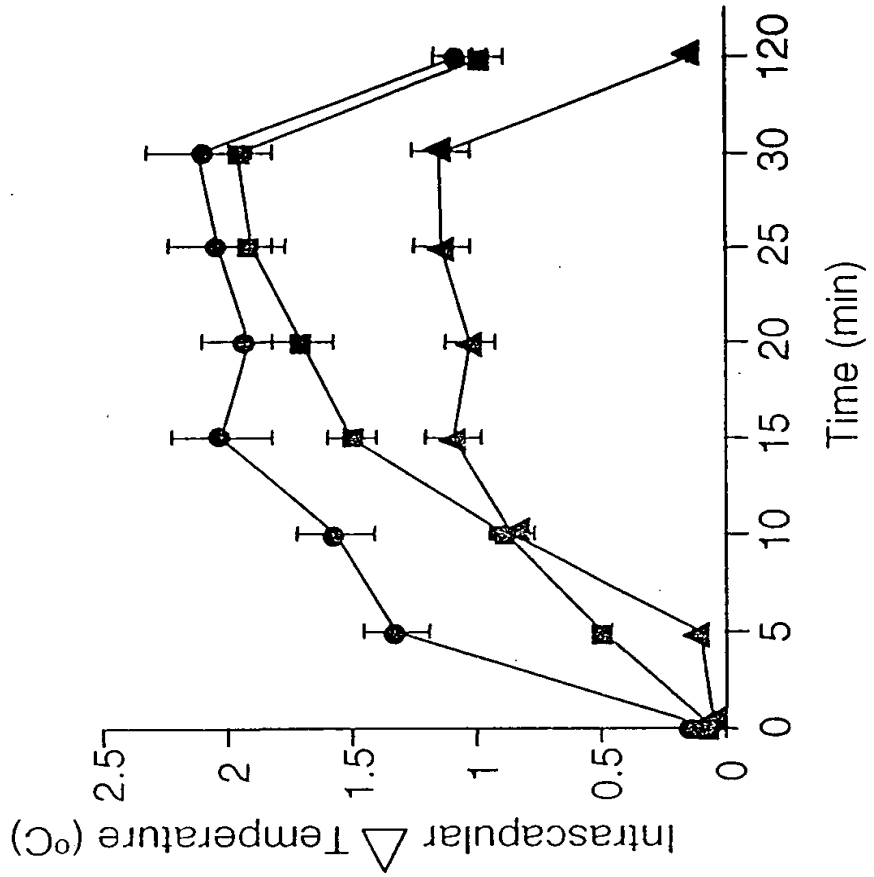


Fig. 15B

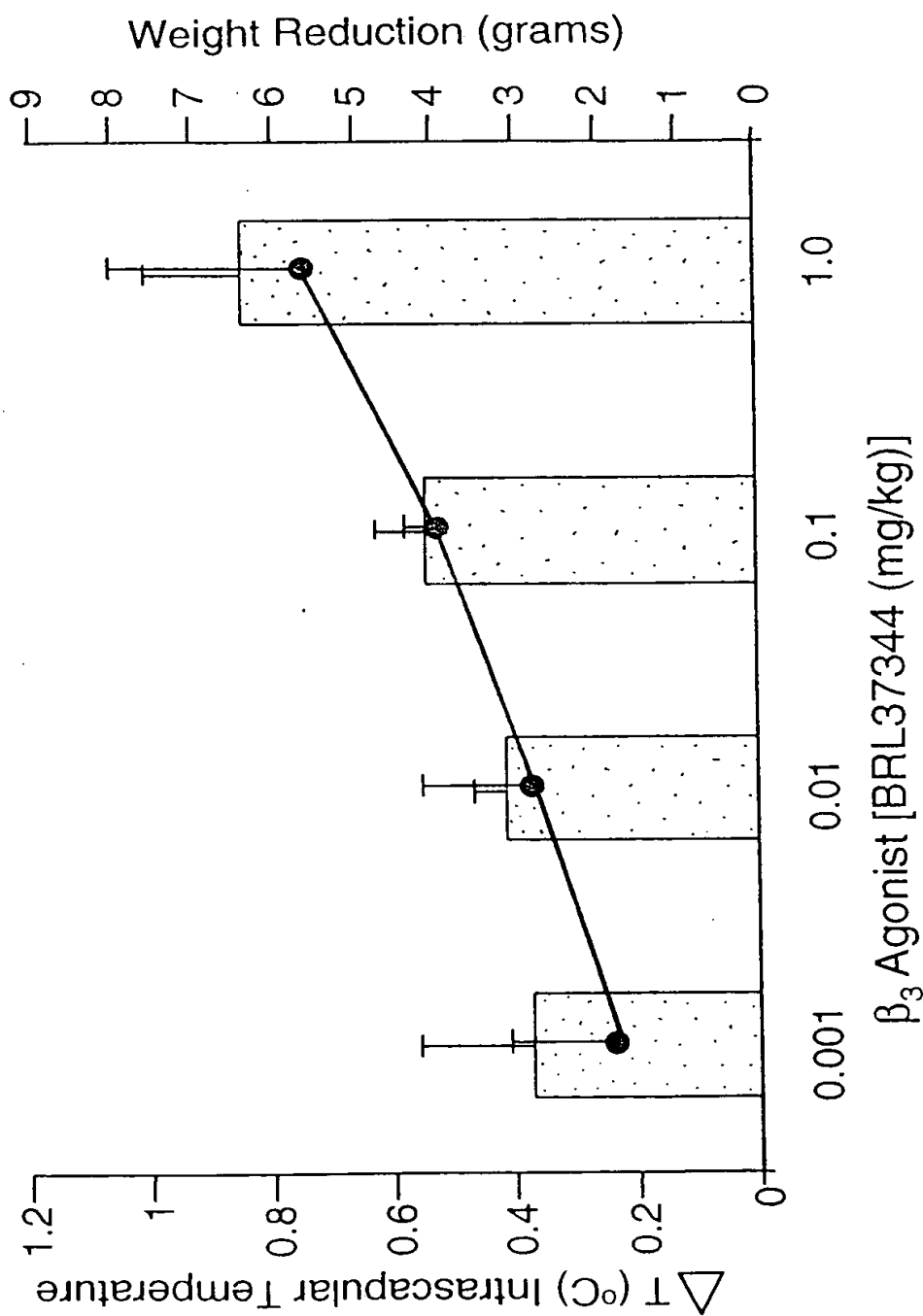


Fig. 16

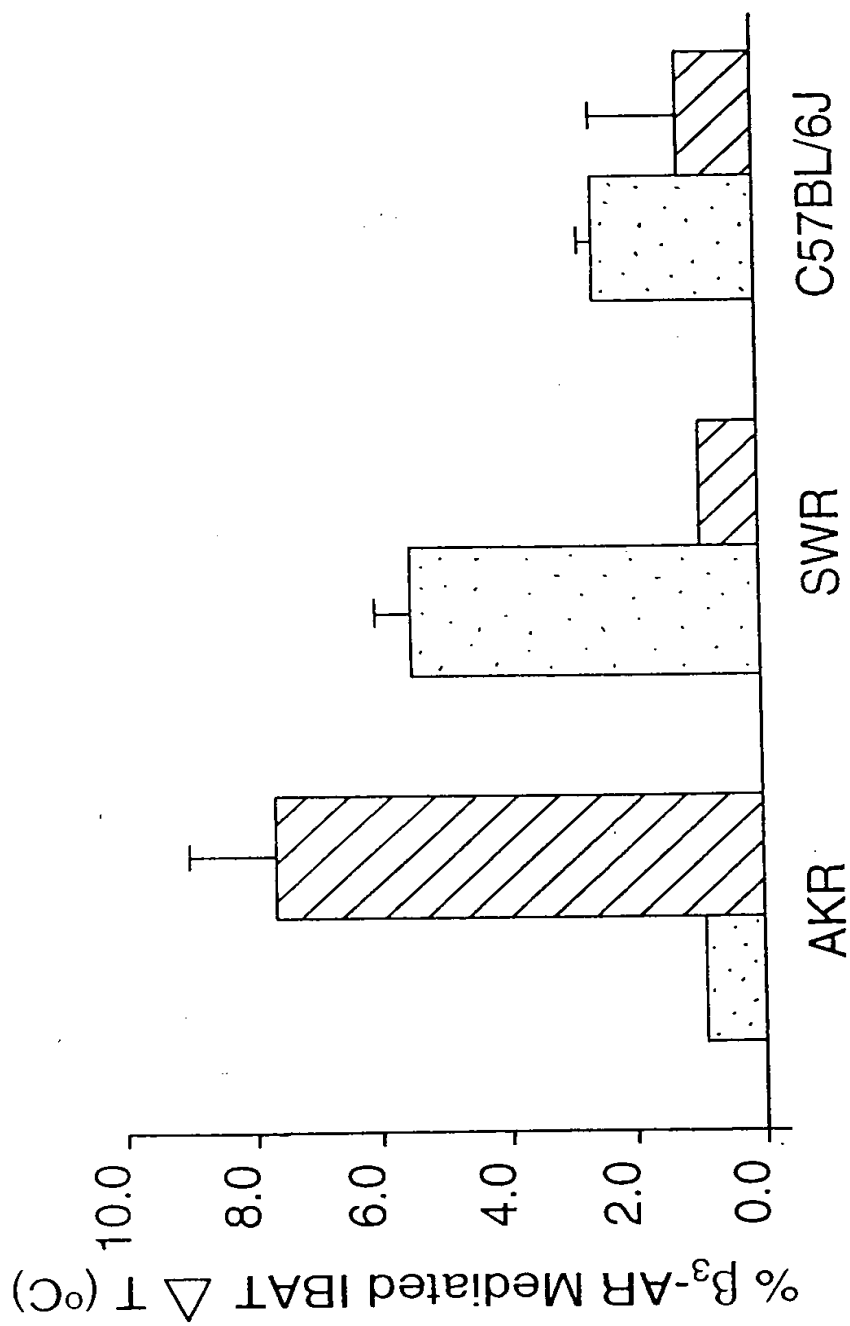


Fig. 17

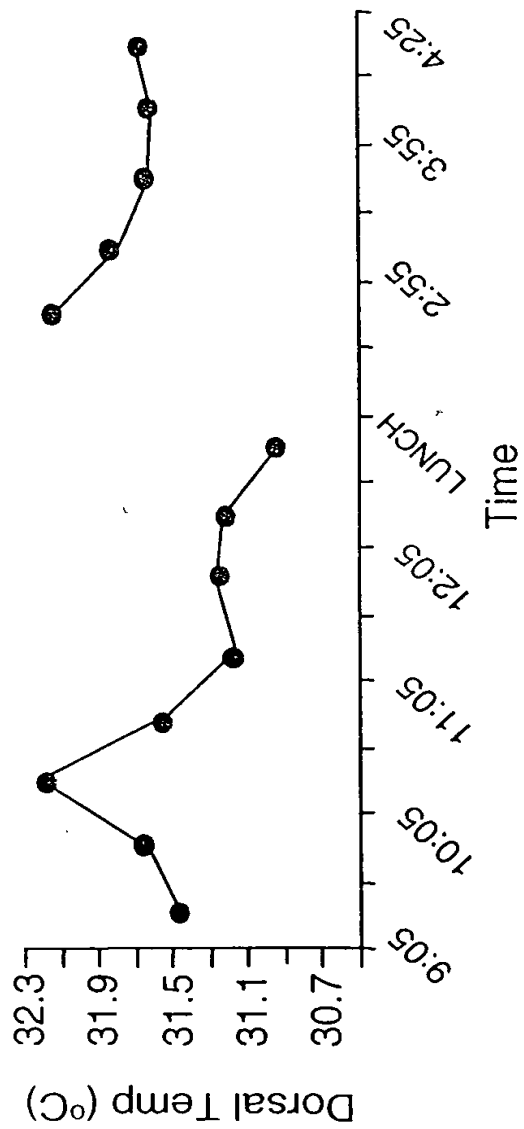


Fig. 18A

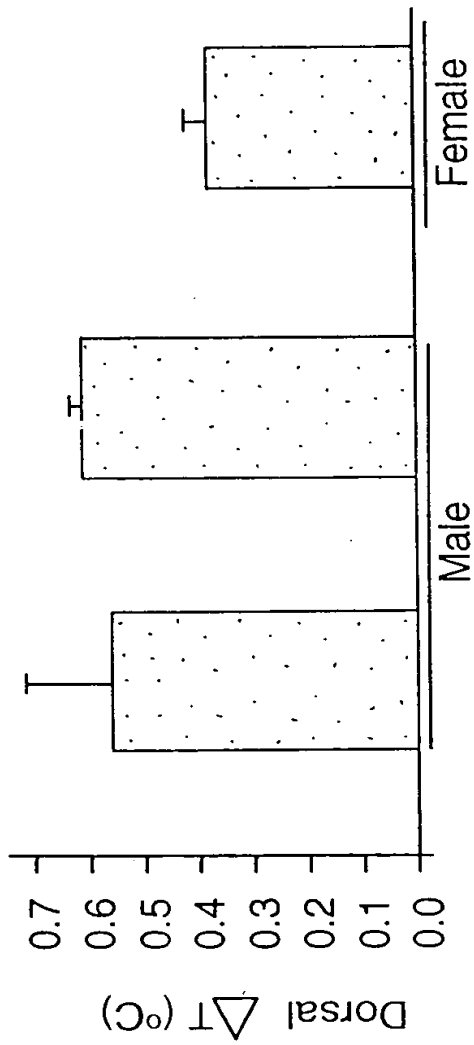


Fig. 18B

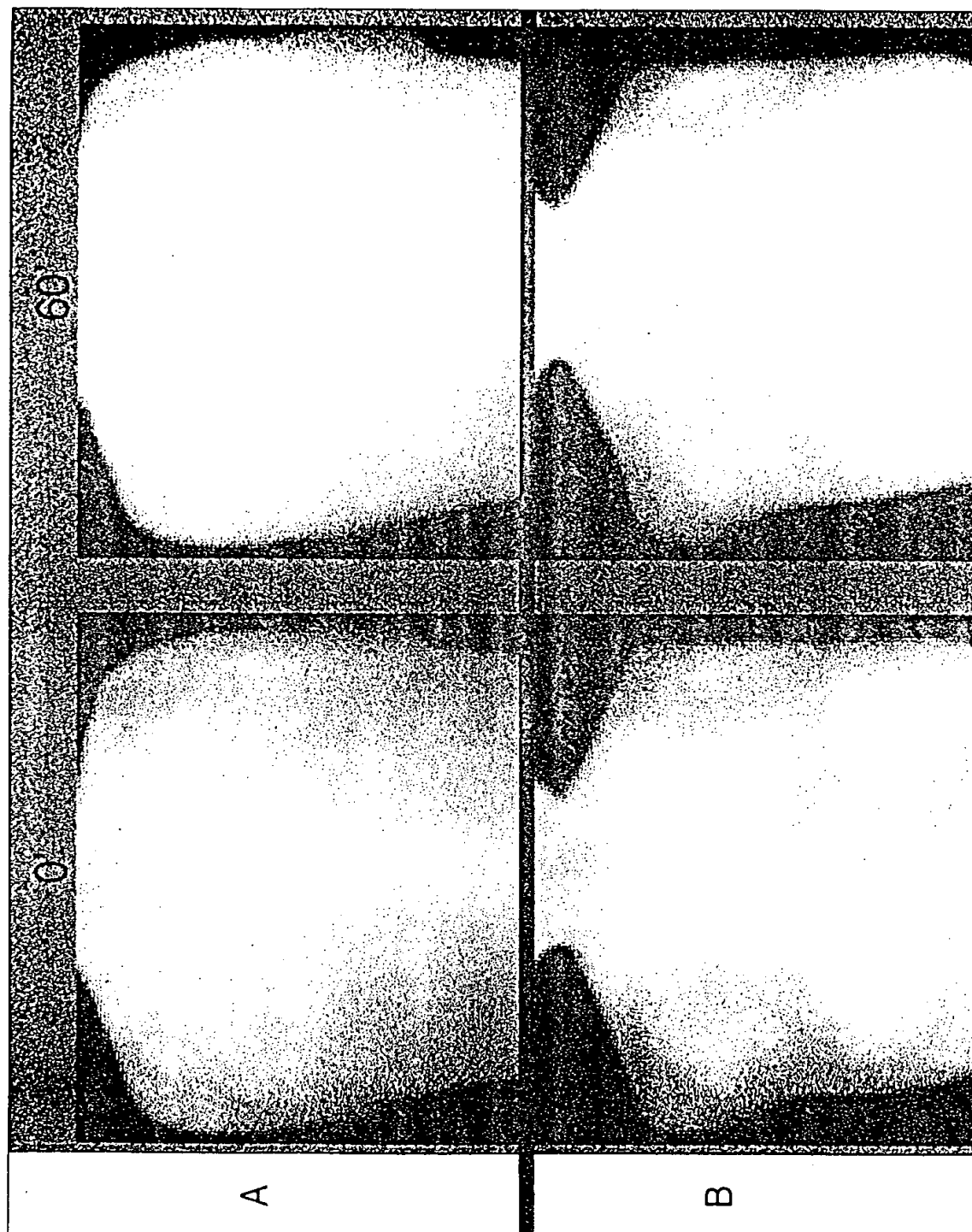


Fig. 19

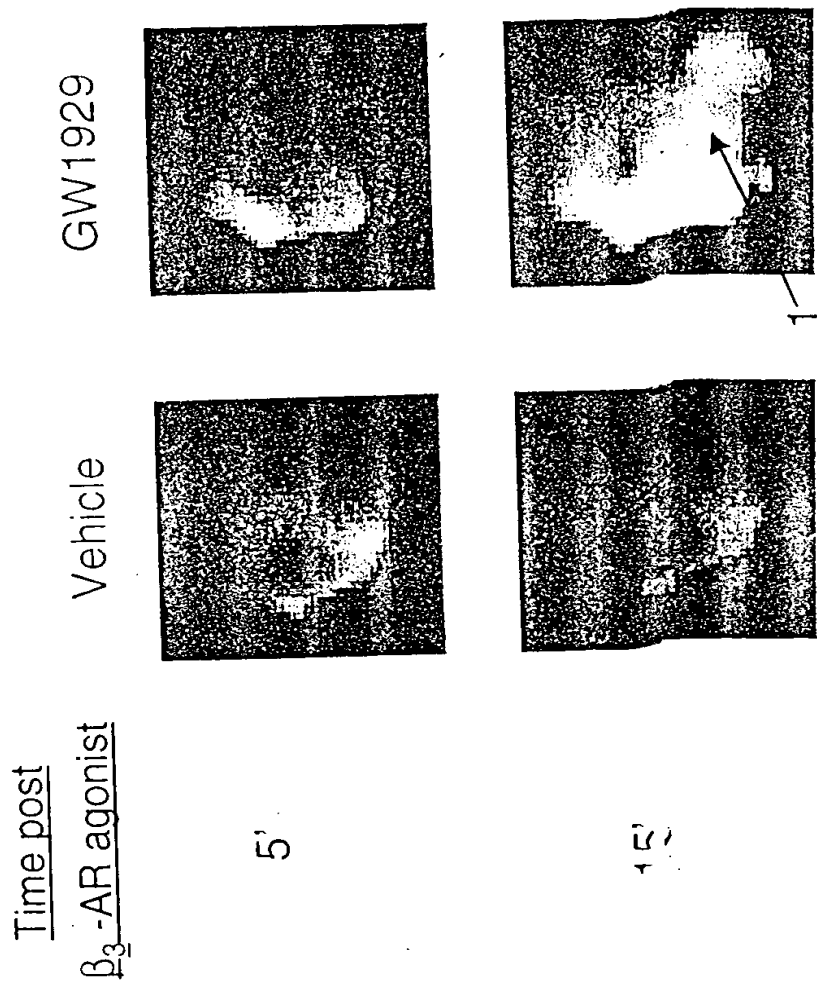


Fig. 20

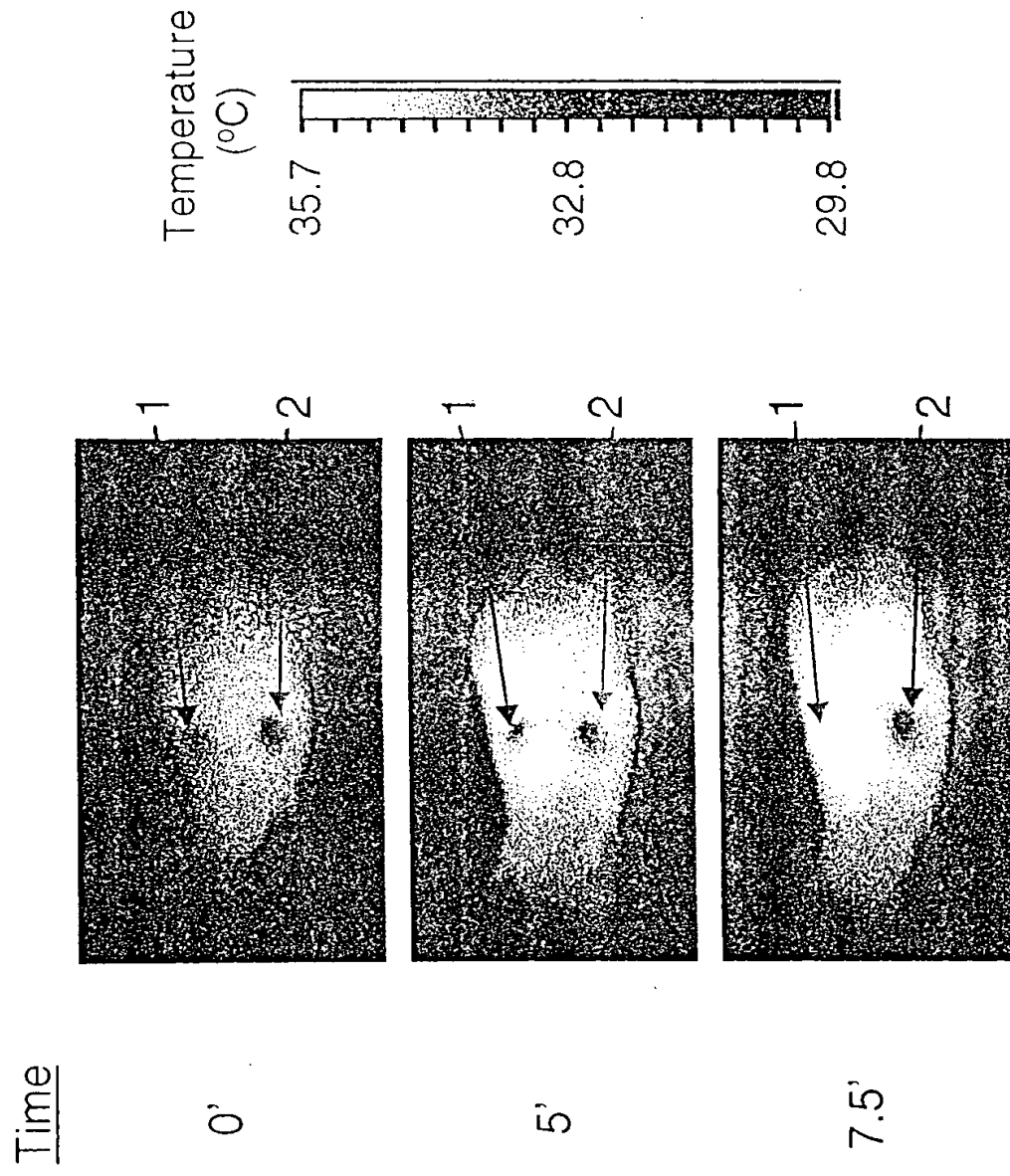


Fig. 21

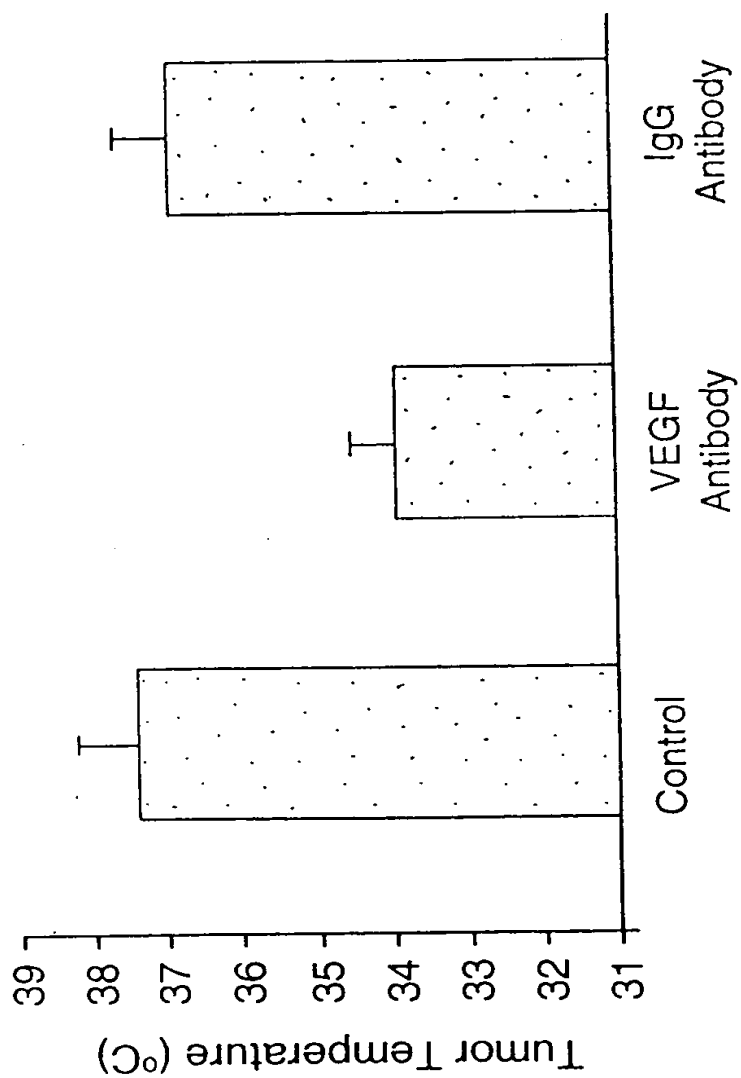


Fig. 22

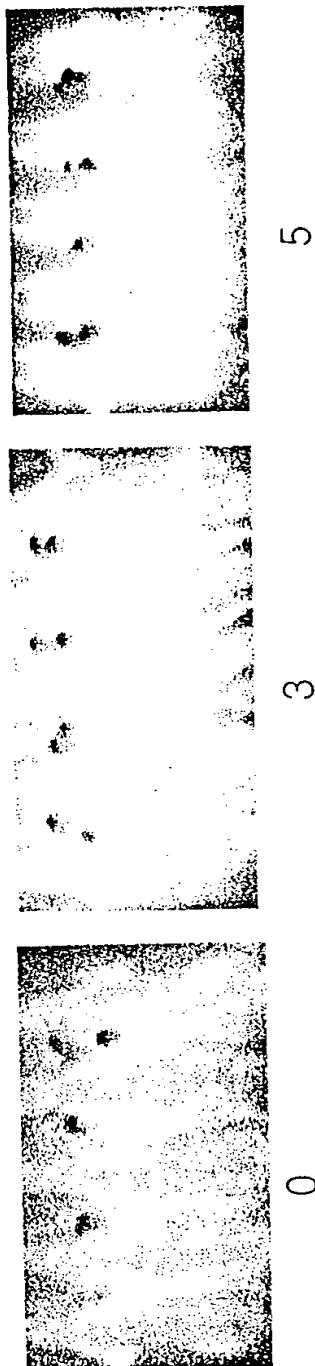


Fig. 23A

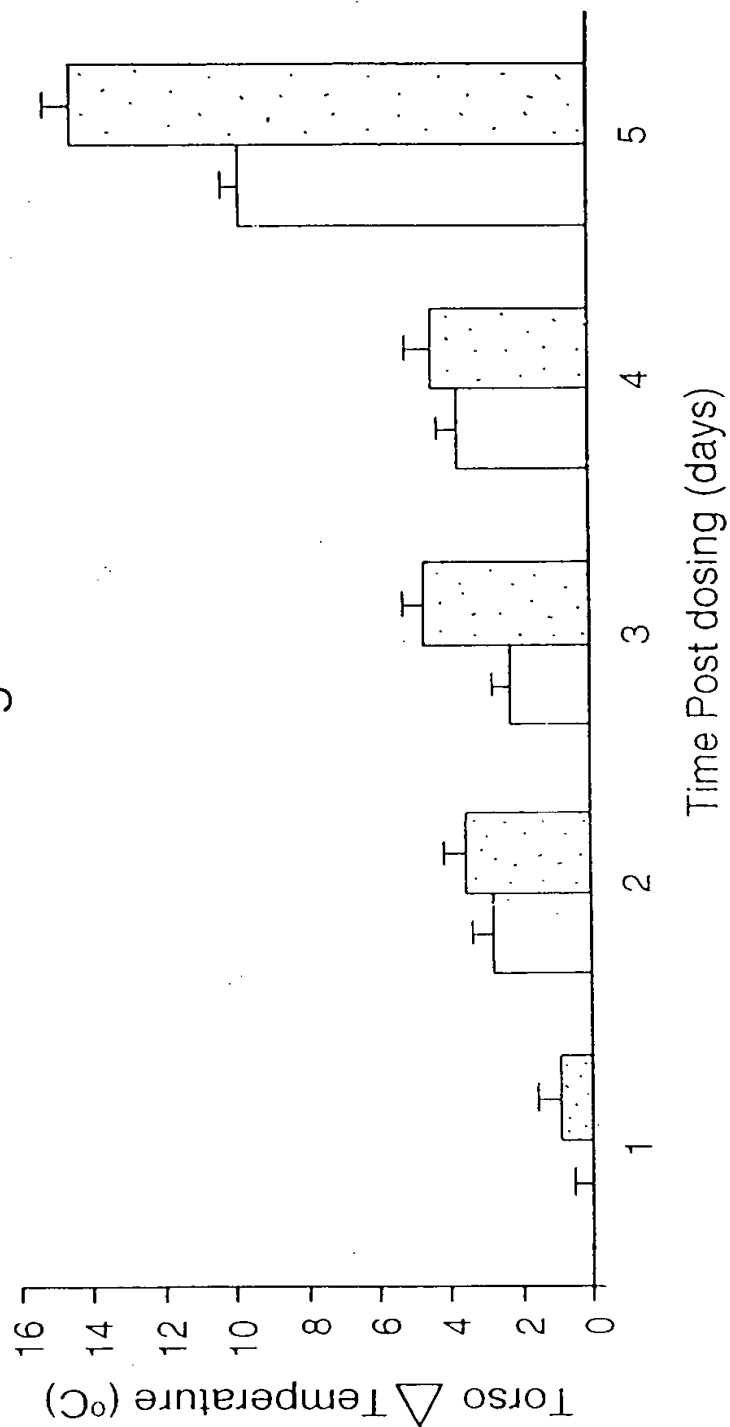


Fig. 23B

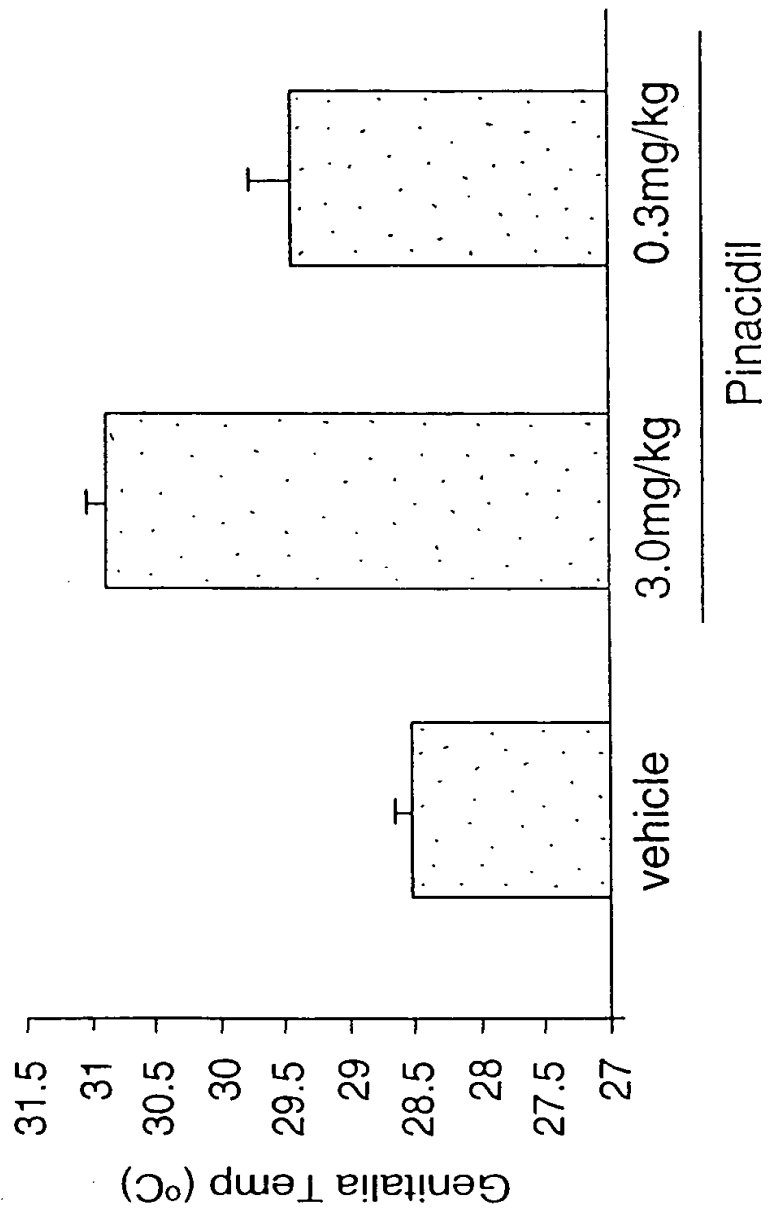


Fig. 24

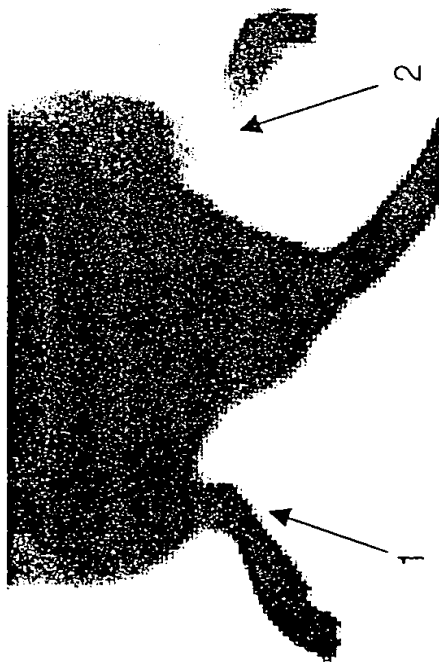


Fig. 25A

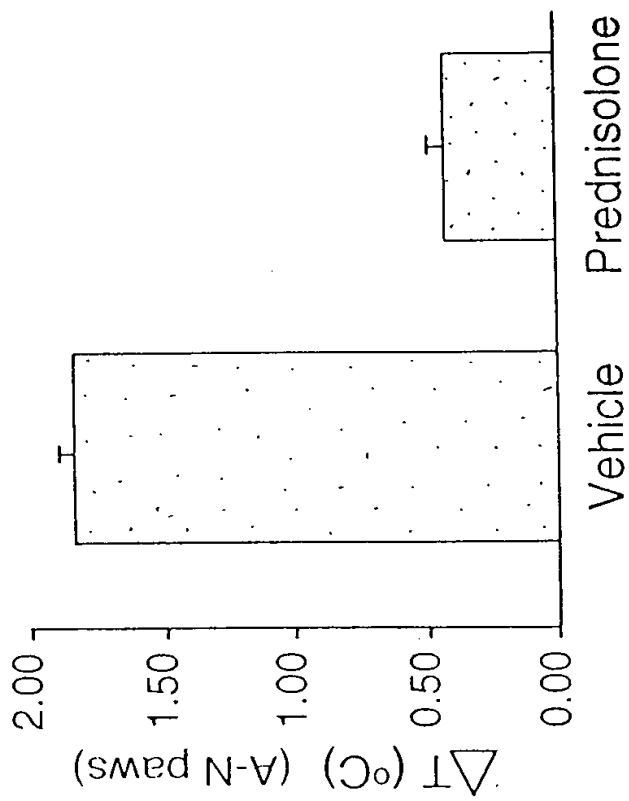


Fig. 25B

Visualization of IBAT Thermogenesis Utilizing IR Transparent Material

- Dorsal skin was removed and IR transparent dressing was placed on dorsal side of the animals exposing the IBAT for visualization.

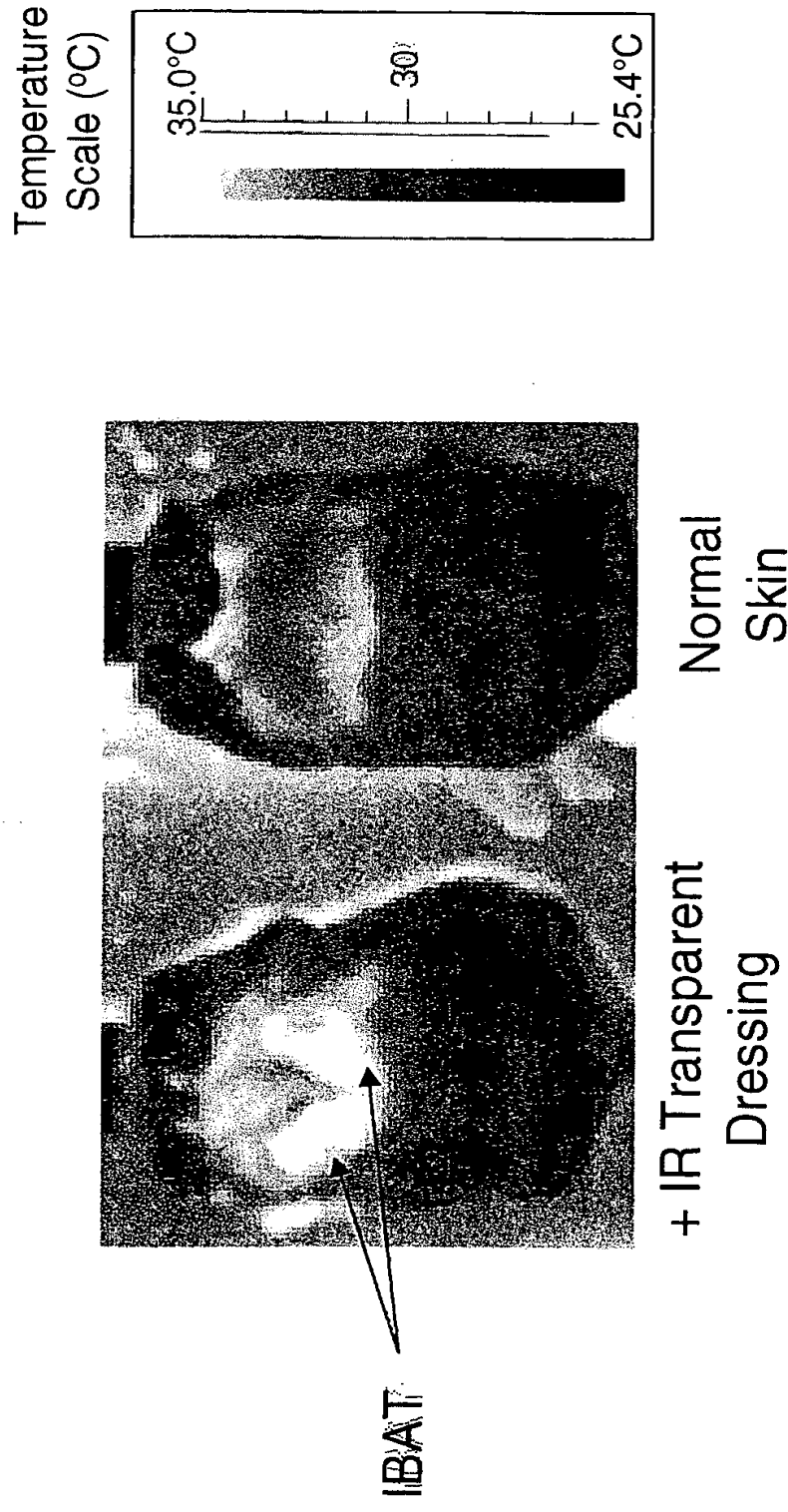
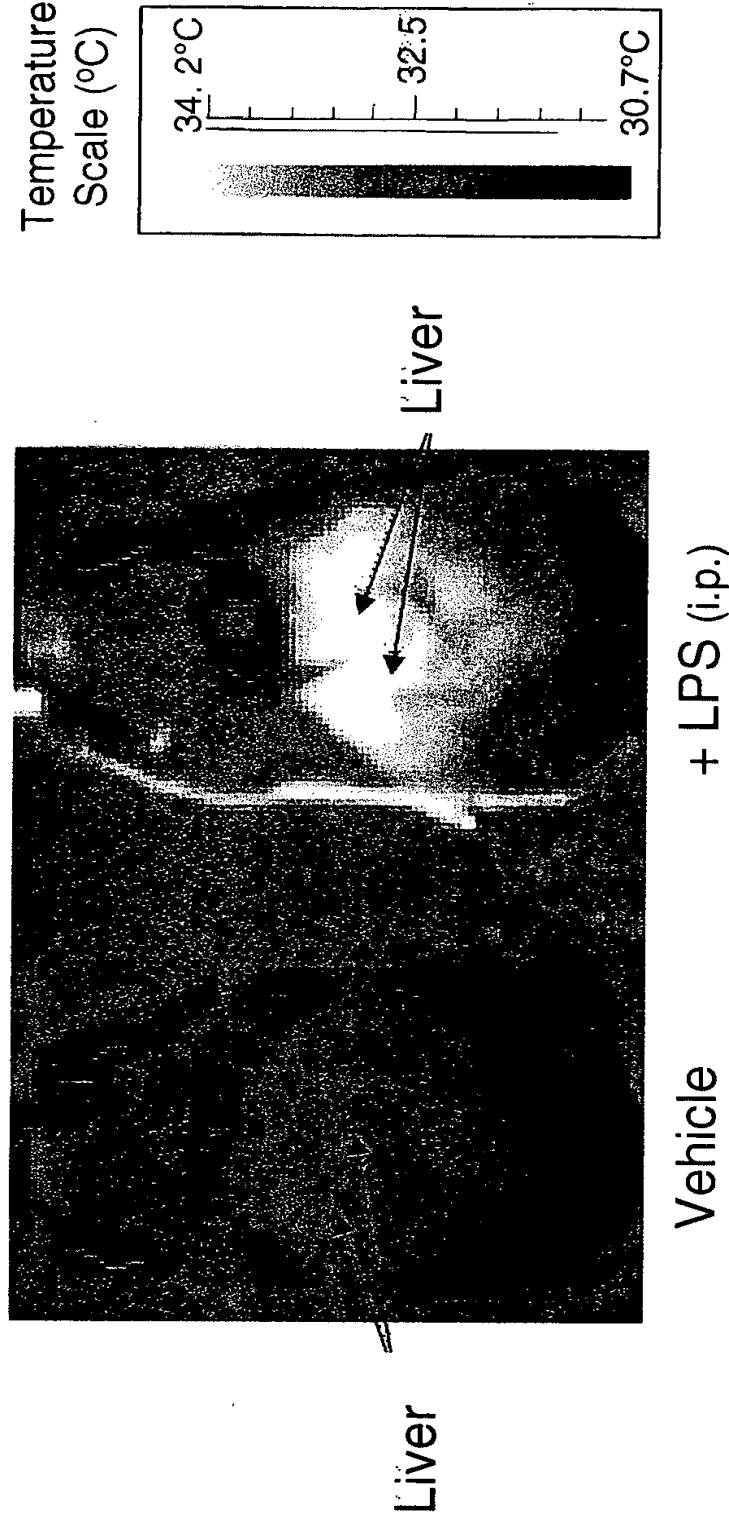


Fig. 26A

Visualization of Liver Thermogenesis in Mice Treated with LPS

- Ventral skin was removed and IR transparent dressing was placed on ventral side of the animals exposing the liver for visualization.



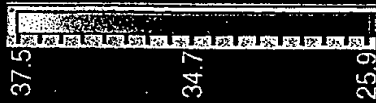
1.5 hrs post-dosing

FIG. 26B

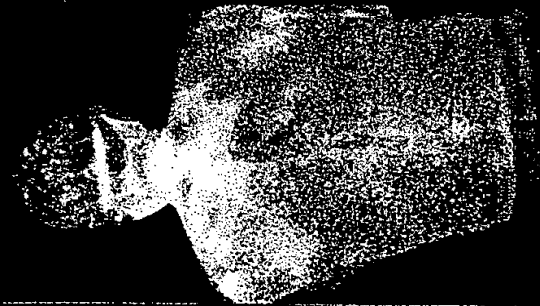
FIG. 27

IR Thermography of an HIV Patient Suffering from Lypodystrophy vs. Normal Subject

Temperature
Scale (°C)



Lypodystrophy



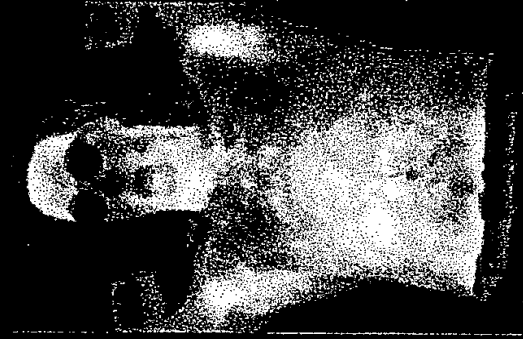
Normal



Lypodystrophy



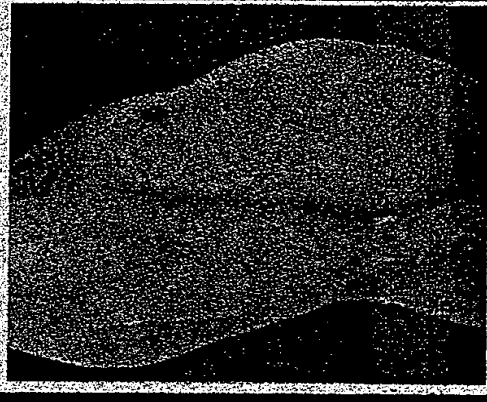
Normal



Lypodystrophy



Lypodystrophy

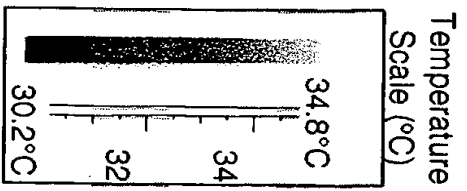


IBAT thermogenesis in ob/ob mice
1 hour after treatment with BRL37344

Peelback
+
Bioclusive Tape



Shaved Only



control 0.01mg/kg 0.1 mg/kg 0.3 mg/kg 1 mg/kg

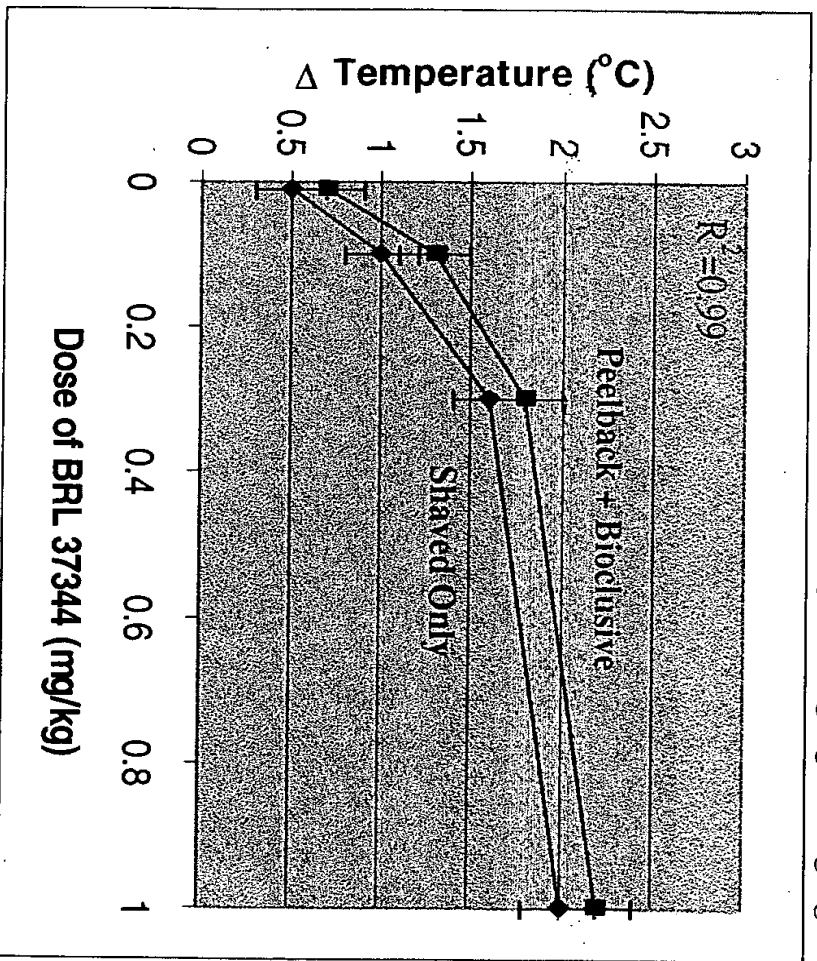


Fig. 28

Liver thermogenesis in ob/ob mice 1.5 hours after treatment with lipopolysaccharide



control 0.1mg/kg 0.3 mg/kg 1 mg/kg

Temperature
Scale (°C)

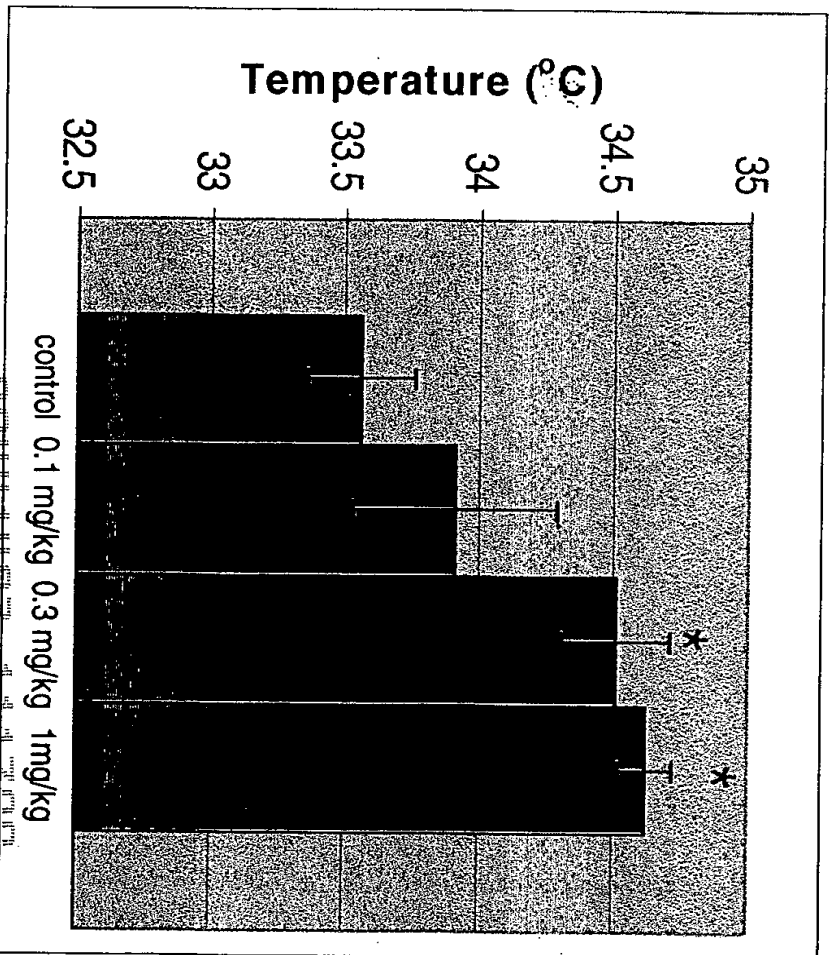
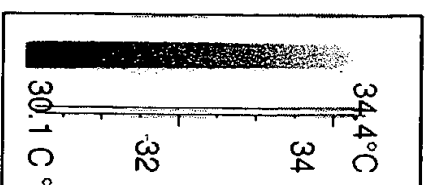


Fig. 29

Liver thermogenesis in AKR mice 5 hours after treatment with D4T

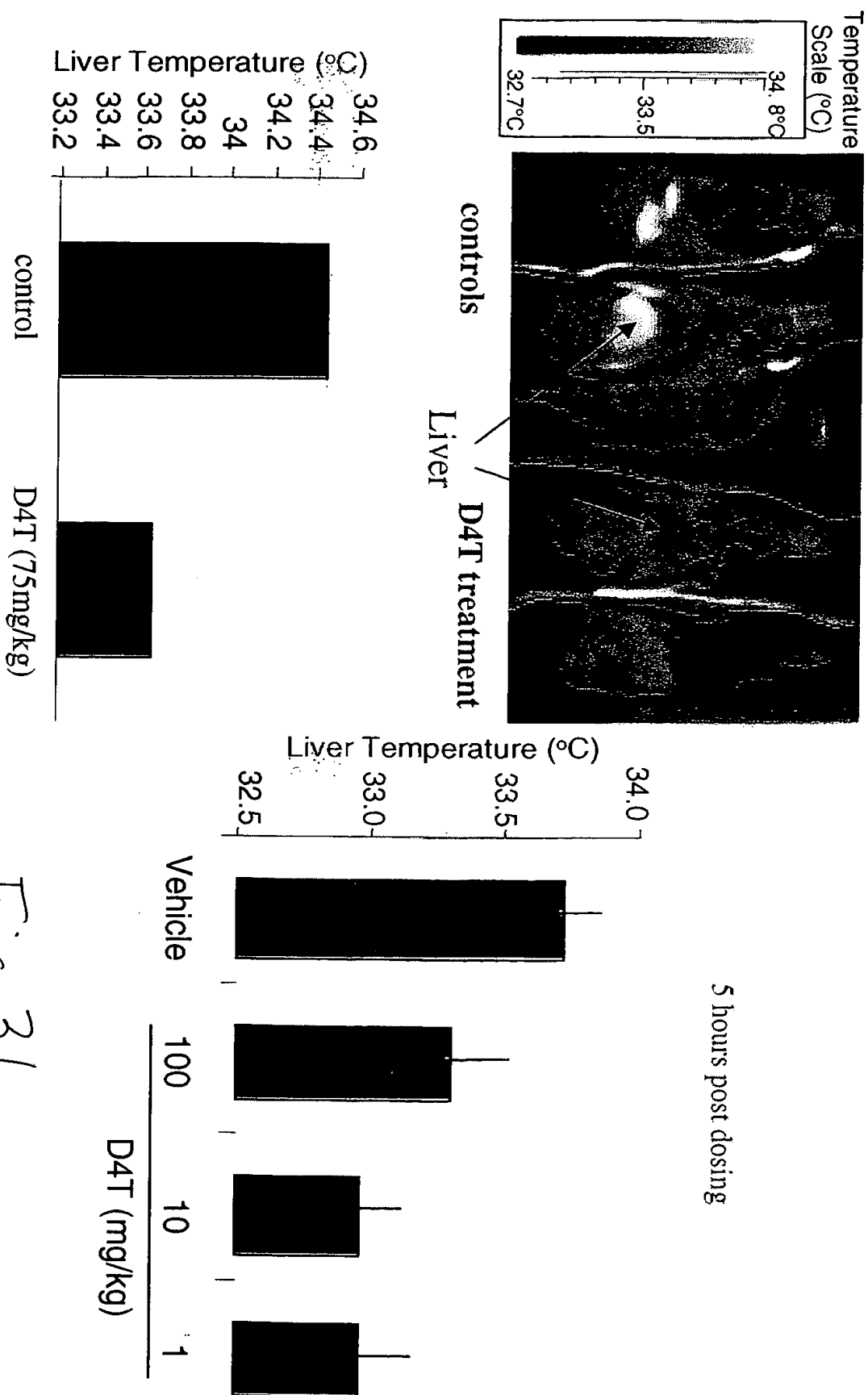


Fig. 31